

Fig.1.

10 *				20 *				30 *				40 *			
ATG	GAG	CGC	TGC	CCC	AGC	CTA	GGG	GTC	ACC	CTC	TAC	GCC	CTG	GTG	
M	E	R	C	P	S	L	G	V	T	L	Y	A	L	V>	
50 *				60 *				70 *				80 *			
GTG	GTC	CTG	GGG	CTG	CGG	GCG	ACA	CCG	GCC	GGC	GGC	CAG	CAC	TAT	
V	V	L	G	L	R	A	T	P	A	G	G	Q	H	Y>	
100 *				110 *				120 *				130 *			
CTC	CAC	ATC	CGC	CCG	GCA	CCC	AGC	GAC	AAC	CTG	CCC	CTG	GTG	GAC	
L	H	I	R	P	A	P	S	D	N	L	P	L	V	D>	
140 *				150 *				160 *				170 *			
CTC	ATC	GAA	CAC	CCA	GAC	CCT	ATC	TTT	GAC	CCC	AAG	GAA	AAG	GAT	
L	I	E	H	P	D	P	I	F	D	P	K	E	K	D>	
190 *				200 *				210 *				220 *			
CTG	AAC	GAG	ACG	CTG	CTG	CGC	TCG	CTG	CTC	GGG	GGC	CAC	TAC	GAC	
L	N	E	T	L	L	R	S	L	L	G	G	H	Y	D>	
230 *				240 *				250 *				260 *			
CCA	GGC	TTC	ATG	GCC	ACC	TCG	CCC	CCC	GAG	GAC	CGG	CCC	GGC	GGG	
P	G	F	M	A	T	S	P	P	E	D	R	P	G	G>	
280 *				290 *				300 *				310 *			
GGC	GGG	GGT	GCA	GCT	GGG	GGC	GCG	GAG	GAC	CTG	GCG	GAG	CTG	GAC	
G	G	G	A	A	G	G	A	E	D	L	A	E	L	D>	
320 *				330 *				340 *				350 *			
CAG	CTG	CTG	CGG	CAG	CGG	CCG	TCG	GGG	GCC	ATG	CCG	AGC	GAG	ATC	
Q	L	L	R	Q	R	P	S	G	A	M	P	S	E	I>	
370 *				380 *				390 *				400 *			
AAA	GGG	CTA	GAG	TTC	TCC	GAG	GGC	TTG	GCC	CAG	GGC	AAG	AAG	CAG	
K	G	L	E	F	S	E	G	L	A	Q	G	K	K	Q>	
410 *				420 *				430 *				440 *			
CGC	CTA	AGC	AAG	AAG	CTG	CGG	AGG	AAG	TTA	CAG	ATG	TGG	CTG	TGG	
R	L	S	K	K	L	R	R	K	L	Q	M	W	L	W>	
460 *				470 *				480 *				490 *			
TCG	CAG	ACA	TTC	TGC	CCC	GTG	CTG	TAC	GCG	TGG	AAC	GAC	CTG	GGC	
S	Q	T	F	C	P	V	L	Y	A	W	N	D	L	G>	
500 *				510 *				520 *				530 *			
AGC	CGC	TTT	TGG	CCG	CGC	TAC	GTG	AAG	GTG	GGC	AGC	TGC	TTC	AGT	
S	R	F	W	P	R	Y	V	K	V	G	S	C	F	S>	

Fig.1. (cont.)

```

      550      560      570      580 —
      *      *      *      *
AAG CGC TCG TGC TCC GTG CCC GAG GGC ATG GTG TGC AAG CCG TCC
K   R   S   C   S   V   *P   E   G   M   V   C   K   P   S>

      590      600      610      620      630
      *      *      *      *      *
AAG TCC GTG CAC CTC ACG GTG CTG CCG TGG CGC TGT CAG CCG CGC
K   S   V   H   L   T   V   L   R   W   R   C   Q   R   R>

      640      650      660      670
      *      *      *      *
GGG GGC CAG CGC TGC GGC TGG ATT CCC ATC CAG TAC CCC ATC ATT
G   G   Q   R   C   G   W   I   P   I   Q   Y   P   I   I>

      680      690
      *      *
TCC GAG TGC AAG TGC TGC TGC TAG
S   E   C   K   C   S   C   *>

```

FIG. 2A

Fig. 2A.

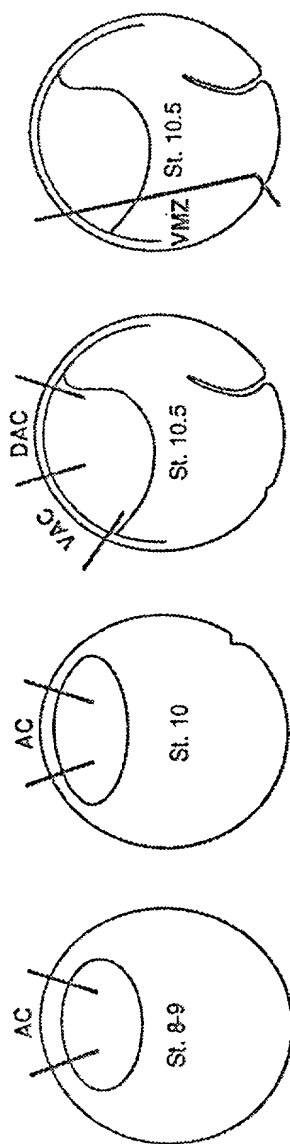


Fig. 2B.

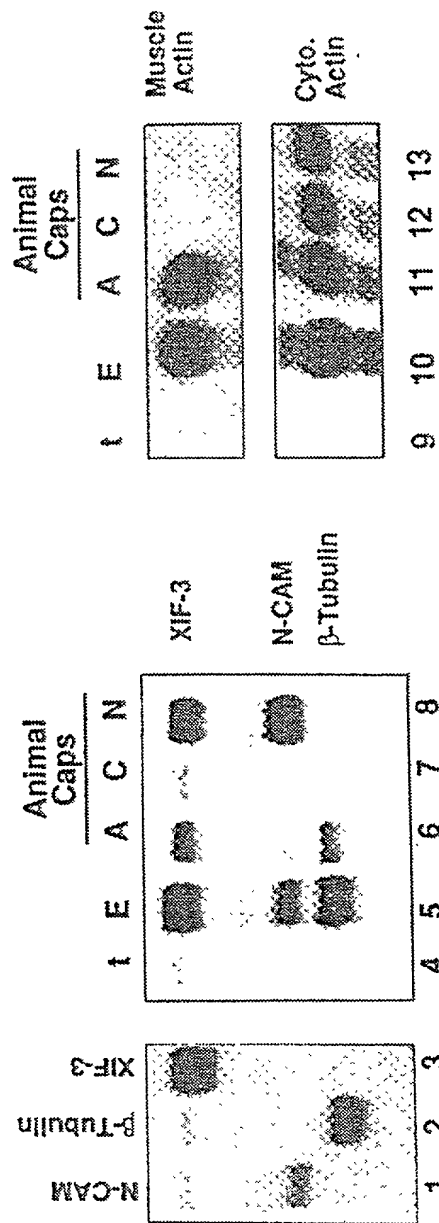


Fig. 3.

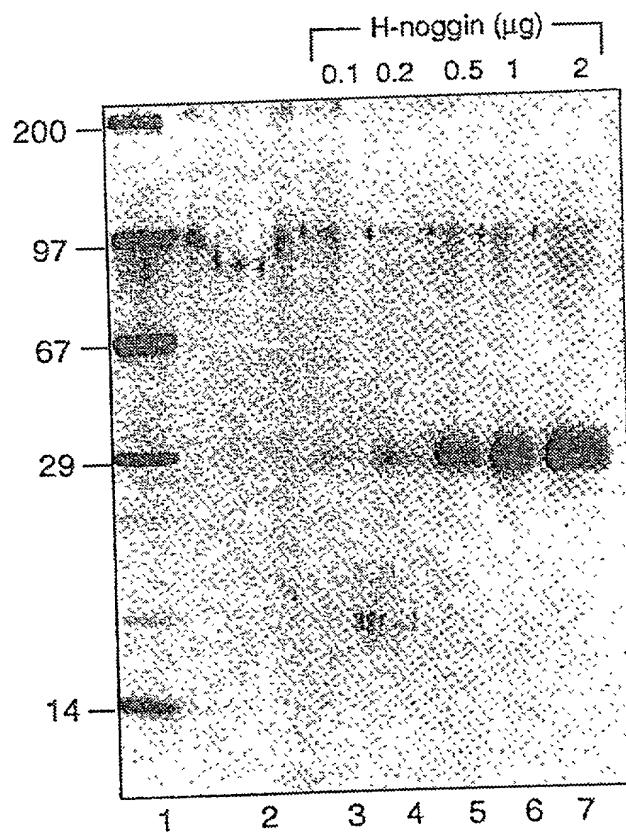


Fig. 4A.

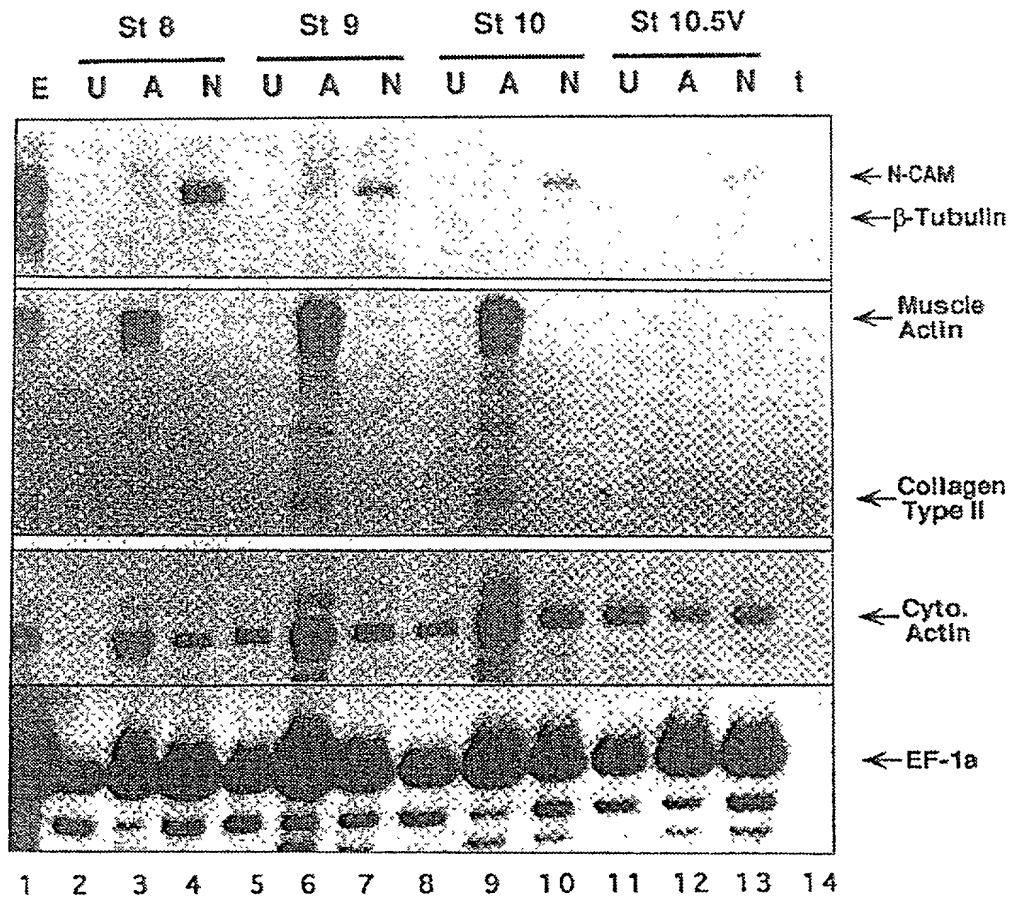


Fig.4C.

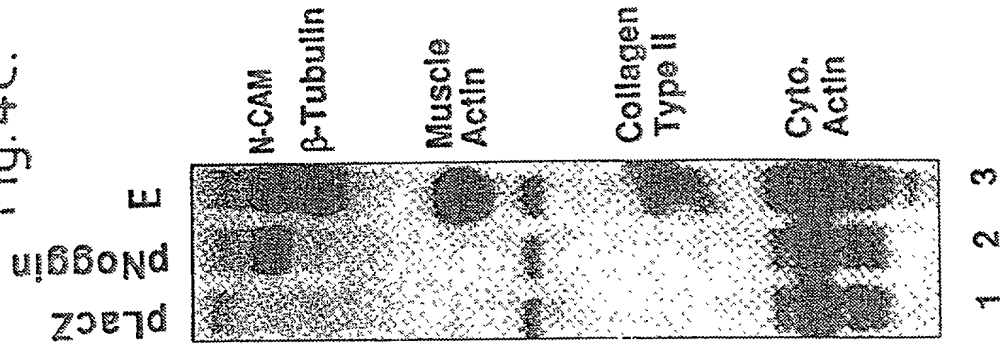


Fig.4B.

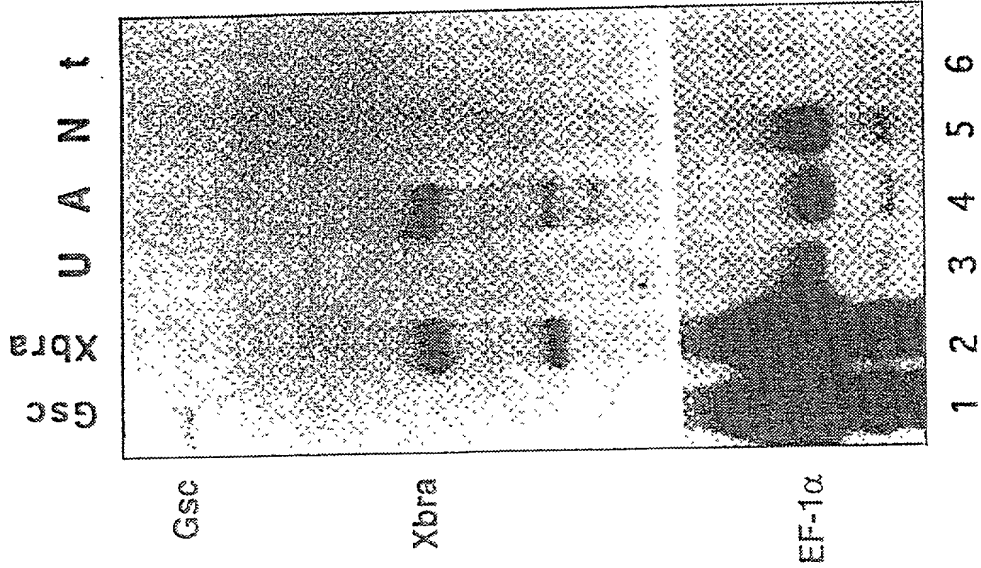


Fig.5.

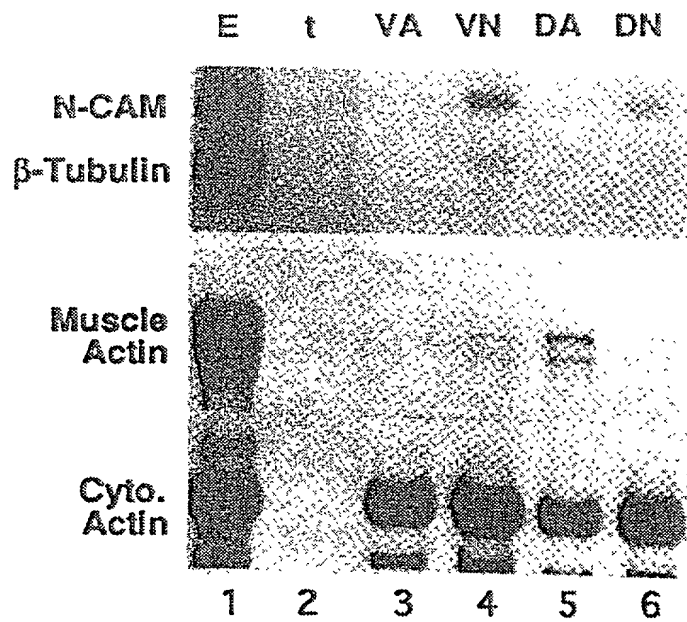


FIG. 6

Fig. 6.

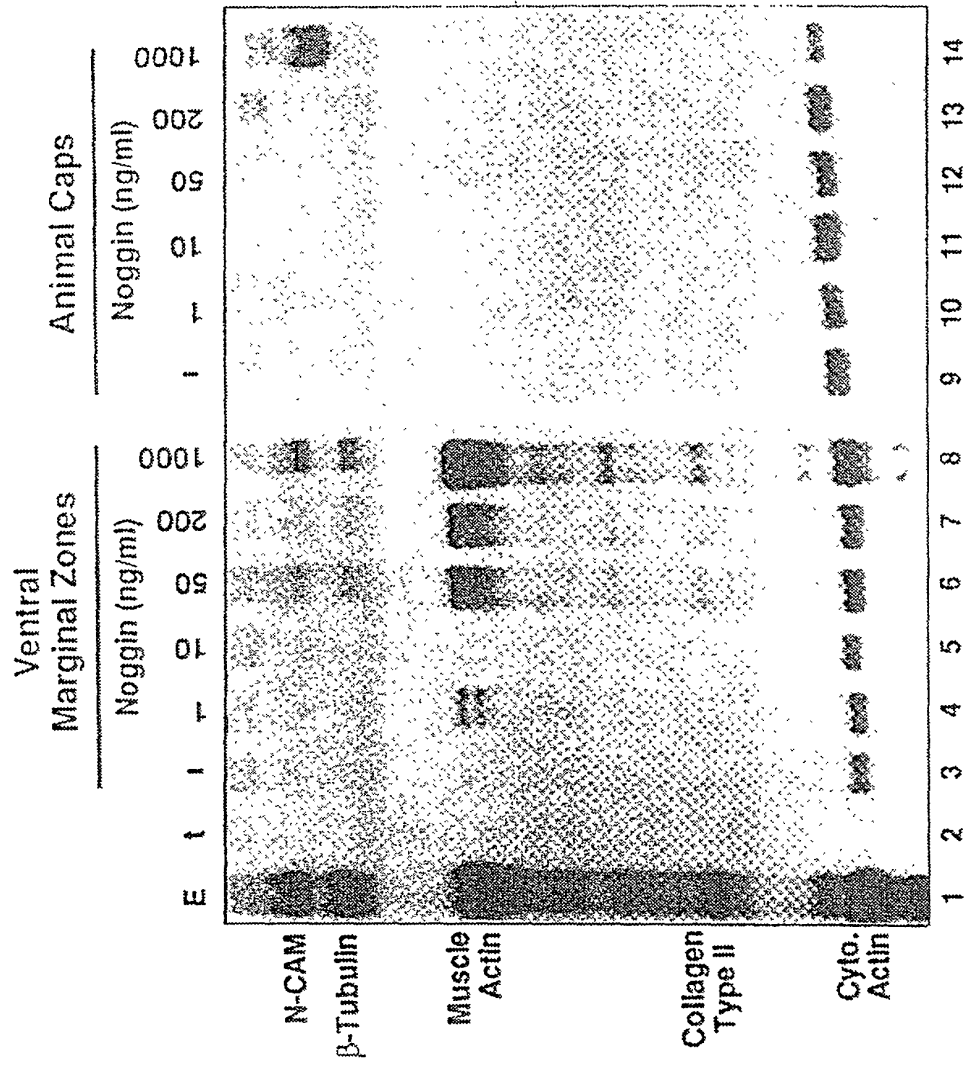


Fig. 7A.

N-CAM

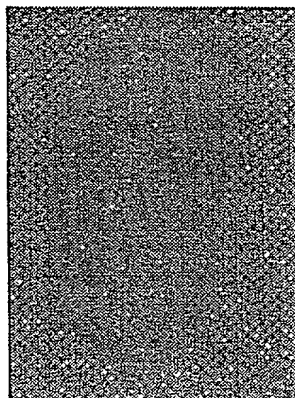


Fig. 7B.

N-CAM

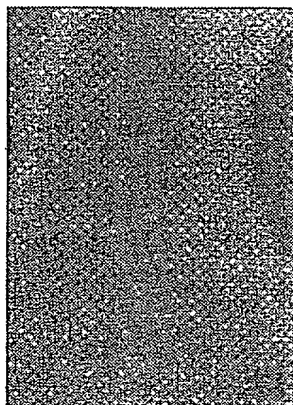


Fig. 7C.

Muscle Actin

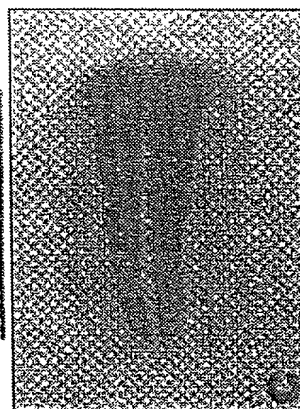


FIG. 7D-F

Fig.7D.
Embryo

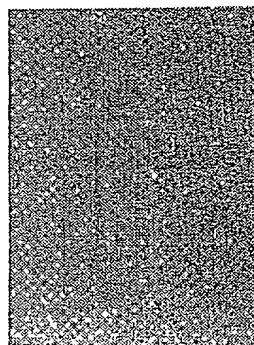


Fig.7E.
+ Noggin

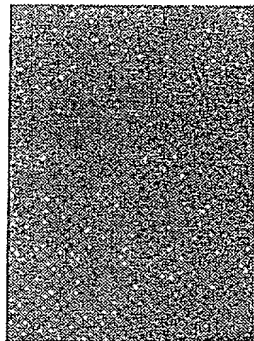


Fig.7F.
Untreated

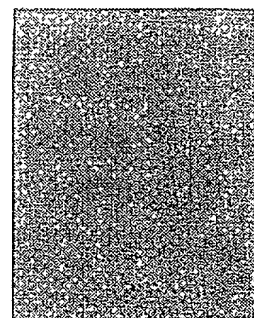


Fig.7G

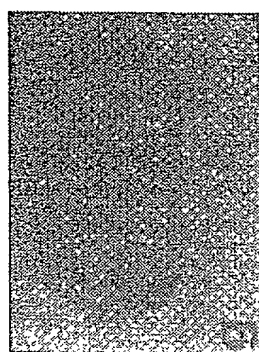


Fig.7H.

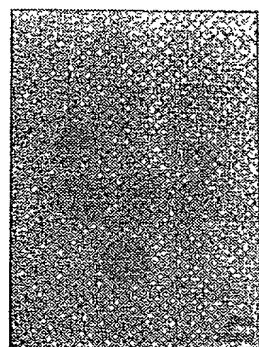


Fig.7I.

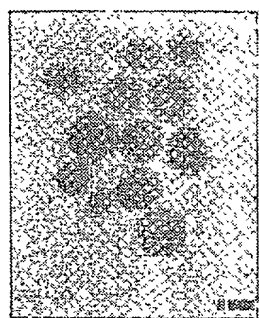


Fig.7J.

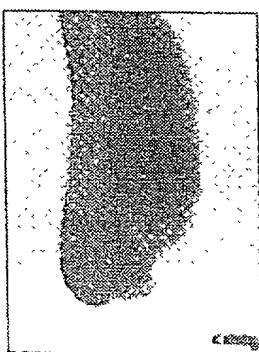


Fig.7K.

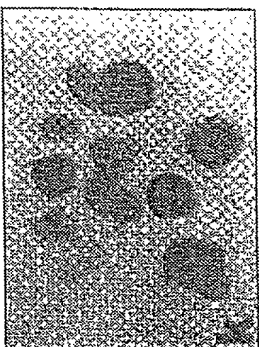
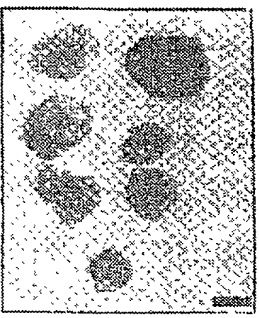


Fig.7L.



GF11

XAG

OTX

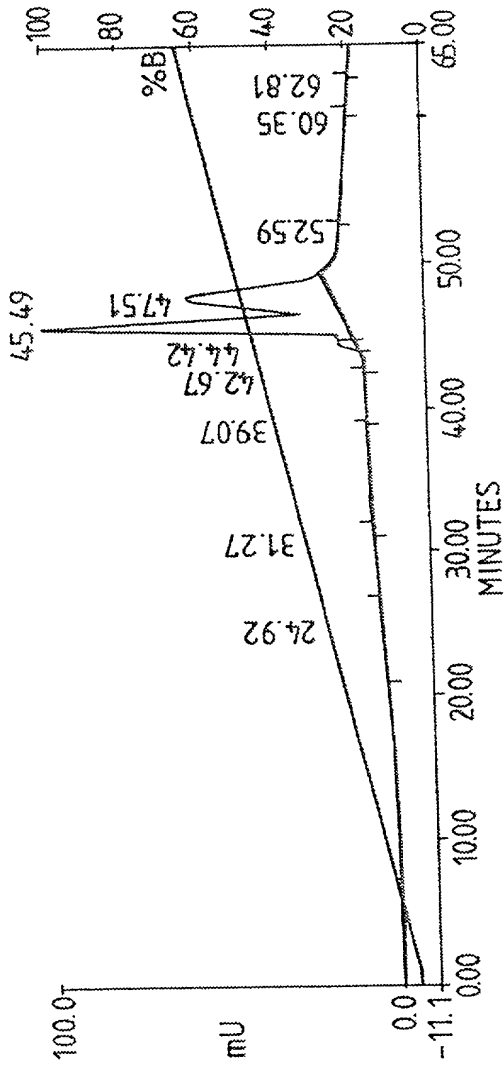


Fig. 8.

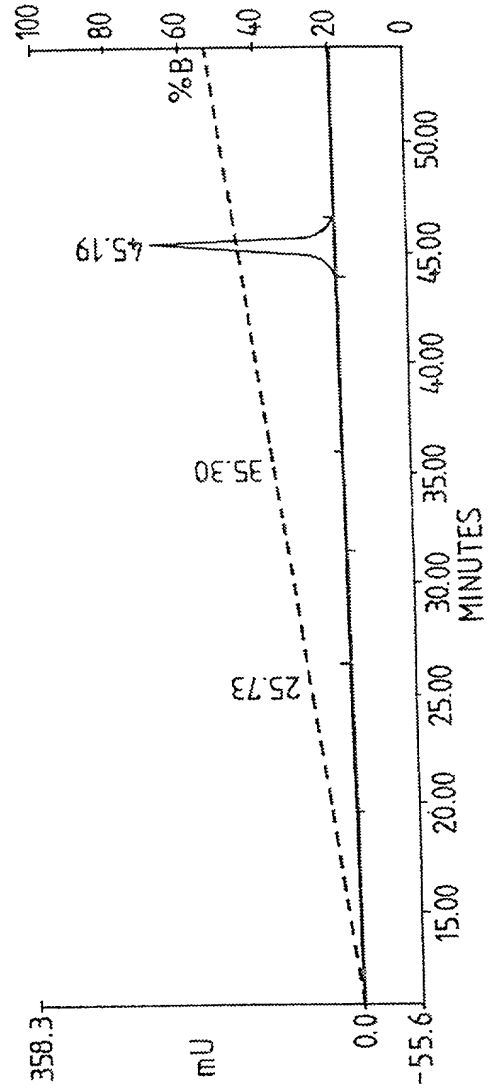


Fig. 9.

Fig.10

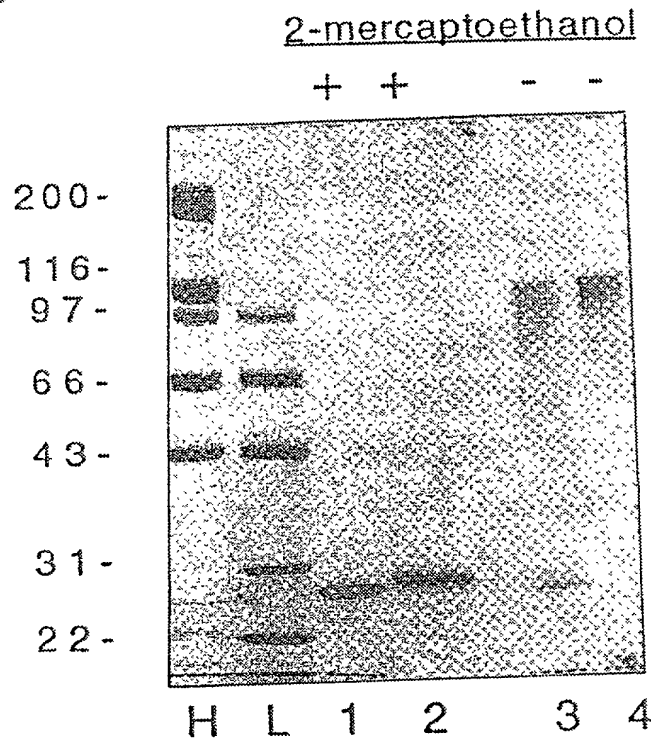


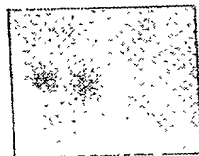
Fig.12.

Bacterial

H-nog

($\mu\text{g/ml}$)

10 2 0.5 0.1



Baculovirus

Mock H-nog

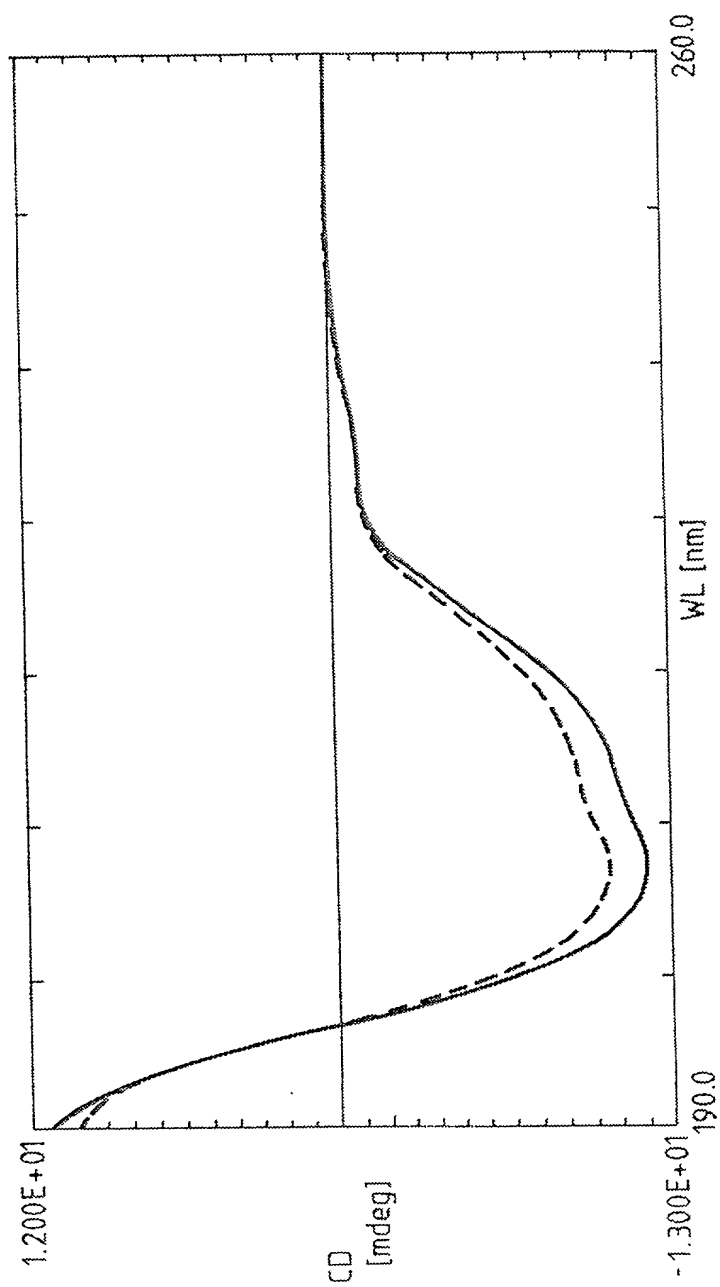
($\mu\text{g/ml}$)

1 0.2 1 0.2 0.05 0.01



muscle
actin

Fig.11.



[illegible]

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SUBSTITUTE SHEET (RULE 26)

Table 1. Demographic characteristics of the study population	
Age (years)	65.5 ± 1.2
Gender (male/female)	10/10
Education (years)	12.5 ± 0.5
Occupation	Retired
Marital status	Married
Smoking status	Non-smoker
Alcohol consumption	Non-drinker
Comorbidities	Hypertension, Diabetes, Arthritis
Medication	Antihypertensives, Antidiabetics, Analgesics
Study duration	12 months
Follow-up period	6 months
Dropouts	2
Final sample size	18

SUBSTITUTE SHEET (RULE 26)